1988 From 1286 5 1335

ORIGINAL LOG BOOK OF THE "FISH HAWK"

UNITED STATES FISH COMMISSION

STATION NUMBERS

Numbers 1286 to 1335

Specimens Oblained Skatis Plat Jish Sea Robbins Temohr Stanfish Hermie crabs 

Instrument used, Bland Land
Current number of observation, 1286
Date, Sept 6" 89
Locality, Meneny shew Pright Vinegard Some
Bearings, Earphead m/88 Quide Hole North
aspauline Cenr rr 8/4 &
Time of day, 1122 Rune; of tide, Frence
State of sky, be
Temperature of air, 63
" surface of water, 63
" at depth of fathoms,
" of bottom, 63
Depth, in fathoms, 9
Nature of bottom, , Sand
Direction of surface ourrent, North
Force of surface current,
Direction of Letter current, 8 x E/2 & mag 1/8
Force of bottom current,
Name of vessel, It Str Fish It with
To what service attached, 26676
Name and rank of commanding officer Januar A Smith
" mate Hgm
Name and position of observer
Interreplane.

Sea Roblins Clartish, Skates. Dea Roblins Clartish, Hermit ands

Instrument used, Beau Frank
Current number of observation, 1287
Date, Dept 6" 88
Locality, Meneursha Bight Tony and Dormed
Bearings, Eaghere m'ny Schuidskole NXm /21
Terpantin Com rx 83/48
Time of day, 11, 3 Jan; of tide, Frast
State of sky,
Temperature of air. & &
" surface of water, &
" at depth of fathoms,
" of bottom, & 3
Depth, in fathoms, 8, 14
Nature of bottom, Sand
Direction of surface current,
Force of surface current,
Direction of bottom current, 8 Ex E/2 6 may 18
Force of bottom current,
Name of vessel, It of the Fish Hawle
To what service attached, 26 & 7-6
Name and rank of commanding officer James A Smith
mate Ugn
Name and position of observer,
Anlenghlow
BENVEKS Male Defor

1200 REMARKS. comeno Obtained Skale Hut from sea Rubbins Condro star finh, Inny scup Quel emplo TEMPERATURE RECORD

Instrument used, Ream Land
Current number of observation, 1288
Date, dept 6' 88'
Locality, neverustra Beight Vineyand Errond
Bearings, Buy head my & Euchs trole more
Tarpaulin levr r & 3/4 &
Time of day, 11.53 ann; of tide, must
State of sky,
Temperature of air, 62
" surface of water, 65
" at depth of fathoms,
" of bottom, 63
Depth, in fathoms,
Nature of bottom, Sand
Direction of Surface current, Anto
Force of surface current;
Direction of bottom current, NNW
Force of bottom current,
Name of vessel, U. b. Ath. Fish Hawk
To what service attached, 26 & 7 6
Name and rank of commanding officer fames A Smith
male left.
Name and position of observer,
Interiphen
BEWARKS Grate Iller

Specimens Oblained Winkles / Star fish. Rayor fish shell. Seallof shell, Winkle spawn Classeld Stones lemen, Zushrag shells, King Orabs TEMPERATURE RECORD

<b>A</b> -
Instrument used, Waster Alredge
Current number of observation, /289
Date, Sept 13
Locality, Norral amete Bany
Bearings, Committee of to Art 186
wich de drips & Allen Roch bracon 6/2 4
Time of day, 9.55 Mine, of tide, Flore 1 & 5
State of sky,
Temperature of air, 65
" surface of water, 65
" at depth of fathoms,
" of bottom, 66
Depth, in fathoms, 2.5
Nature of bottom, Inny Level
Direction of surface current, W 3 VV
Force of surface current,
Direction of better current,
Force of bottom current,
Name of vessel, Il & the Fish Haute
To what service attached, 26 1 7 6
Name and rank of commanding officer James & Sometic
matrian
Name and position of observer,
flulenighton
Trute 24 / Ze
REMARKS.

Specimenz Oblained

	Instrument used, Option Klandy
	Current number of observation, 1290
	Date Agree amount Bay defet 13
	Locality, Alexanterist Been -
	Bearings Committee to No AXETLE
-	miche le Sre pour Allen Rock bracen Ex ho ) 40
	Time of day, 10.10 die; of tide.
	State of sky, be
	Temperature of air, 70
	" surface of water, 66
	" at depth of fathoms,
	" of bottom, 67
	Depth, in fathoms,
	Nature of bottom, . Pricel
	Direction of surface current, m Sw
	Force of surface ourrent, 2
	Direction of bottom current.
	Force of bottom current.
	Name of vessel, 24 St. Fish Harrie
	To what service attached, 26 17-16
	Name and rank of commanding officer,
	Chate up n
	Name and position of observer,
	John lengthing

Specimens Oftained

Instrument used. Oyslan dansely
Current number of observation, /2 9/
Date, Sept 13" 88
Lecality Asima musell Berg
Bearing Bruniant to How K6 1/4 6
wish des men William Rock Francon ENE
Time of day, 10.35 ; of tide, Holf Hord
State of sky,
Temperature of air, 78
" surface of water, 66 1
" at depth of fathoms,
of bottom, 66
Depth, in fathoms,
Nature of bottom, Thered
Direction of surface current,
Force of surface current,
Direction of bottom current,
Force of bottom current,
Name at vowel 26 BATE Fish Hawter
To what service attached, 26 476
Name and rank of commanding officer for all the form
Name and position of observer,
Janlinghlow Guderefor
maderefor

Spiemens Oblained

	Instrument used, apples Anage	
	Current number of observation. 12 92	24
	Date. Sept 13" 68	
	Bearings Commiscut Storte Jr X 8/4 & wick Stor X 8/4 & Allen Rock have AEX 8/2	
	Browning Commiscula Lt Ho Jr X E/4 E	
9	rich Ser X8 /28, Allen Roch barren AEXEL	. 5
	Time of day, 10 5 : of tide, // FC+ F	
	State of sky,	
	Temperature of air,	
	surface of water, 6715	
	" at depth of fathoms,	
	" of bottom, 66	
	Depth, in fathoms,	
	Nature of bottom,	
	Direction of musical dealers.	
	Force of surroundingent.	
	Direction of bottom current,	
	Force of bottom current.	
	Same of vessel lotter Fish Frank	
	To what service attached, 26 4 7 6	
		Ž.
	Name and rank of commanding officer,	0.49
	man y ea	
	Name and position of observer.	
	Interroller	
	mate uffer	

HEW VEY C

Sprenen attains

Appropriate and the second

Instrument user, Pypler Dredgel
Current number of observation.
Date Defet 15 8
Bearing Considered It Ho South
Bearings Continued It No South
without 11/6 K. Allem Rock bruton N &
Time of day. M. LO acce of side, & at Free
State of sky,
Temperature of air,
surface of water, 67
at depth of fathoms,
of bottom, 67
Depth, in fathoms,
Nature of bottom,
Direction of surface current,
Force of surface current,
Direction of bottom current,
Force of bottom current,
Name of versal.
Name of vessel.  To what service attached,
Name and rank of commanding officer, The Land
f
Name and position of observer,
W De Comment

REMARKS.

Flat fish Spieler Erabe

Orgeter 4 scallop shelts, young

Ecup Clean Wnibles, Hermit

Crab, + Clam shells

Instrument used, Beau Zawl	26
Current number of observation,	
Date, 13" 88	
Bearings,	
Bearings,	
mide It 10/08 Allem Rock bealow or 8 / 6	
Time of day. A 3 day of tide, 12" How	
State of sky,	
Temperature of air,	
" surface of water, 67	
at depth of fathems,	
of bottom,	
Depth, in fathoms,	
Nature of bottom,	
Direction of surface current,	
Force of surface current,	
Direction of bottom current,	
Force of bottom current,	,
Name of vessel, the blant tacked our test	
To what service attached. 26 \$ 7 6	1
Name and rank of communding officers	iple
morelyn	
Name and position of observer,	
Milmylian	
21 4	

Levinens Oblained Londro, Squilla Flat Jish I Star fish Hide Crabo, Hermit-Crabo, Dead Claim shells Skett El.

Instrument used, Blance France 2
Current number of observation, 12 3
Date, 245 /3" 68
Bearings Exercised to the reps m
Bearings, Francisco Le Ne No 1/4 m
Time of day, And a Clear : of tide. 3 2 Floor
State of sky, &-
Temperature of air, 7/
" surface of water, 67
" at depth of fathoms,
" of bottom,
Depth, in fathoms,
Nature of bottom,
Direction of author current
Force of surface current,
Direction of bottom current,
Force of bottom current,
Name of vessel, Ele Shir Fish March
To what service attached, Wo & 7-6
Name and rank of communiting officer.
metelyn
Name and position of observer
7 milenegreen
materific

Deciment Atained Rein Crab 1 Starfiel Apriler Orable, Scallage feet fish Hormidicator Refer, Gray and

Instrument used, Bearn Frank 25
Current number of observation, 12 96
Date, 2415/3" 88
Locality, Of avaragamente Pary
Bearings Committee It No NY 14 W
wich swam 4 M. Allem Rock beason NE 1874 &
Time of day, 12.03 Res. of tide, 3-2 Floor
State of sky, be
Temperature of air, 7 2
" surface of water, 47,5
" at depth of fathoms,
of bottom, 66
Depth, in fathoms, 8. 2
Nature of bottom, But
Direction of anchoe owent. W AVV
Force of surface current;
Direction of bottom current,
Force of bottom current.
Name of vessel, 26 pt att Fish Hawk
To what service attached, 26 8 7 6
Name and rank of commanding officer,
Name and position of observer,

1297
REMARKS.

Aucernens Ablained

with the exception of molor fich

Instrument used, Bearing Translation
Current number of observation, 1297
Date, Sept 13" 88
Locality, January State Barry
Bearings Somerical for No AXW
misch to Str Xx po w. Allem Rock halpe 6 x 1 /4 N
Time of day, Little Keen : of tide, He
State of sky, b-
Temperature of air, 72
surface of water, 69
at depth of fathoms,
of bottom, 66.5
Depth, in fathoms.
Nature of bottom.
Direction of surface current.
Force of surface current,
Direction of hottom current,
Force of bottom current,
Name of vessel.
To what service attached, No 176
Name and rank of commanding others
mitily
Name and position of observer
Maline
The Late Section

1298
REMARKS.

December December

Black Francisco & Rheller

Linguis Floring

	n a
	Instrument used, Calderina Francisco
	Current number of observation, 12 9 8
	Date, Sept 13" 88
	Locality, Aarray Survette Bases
	Bearings, Commence It Ho Ir m x 4 /4 to
, ,	wish his W. W. Allen Rock beacon 23/4 A
	Time of day 12,387 ; of tide. He to ale
	State of sky,
	Temperature of air, 72
	· surface of water, 68.5
	at depth of fathoms,
	of bottom, 66.4
	Depth, in fathoms,
	Nature of bottom, Thus
	Direction of southern currents.
	Force of surface outpent,
	Direction of bottom current.
	Force of bottom current,
	Kame of vessel, Ho & Str. Fish Hands
	To what service attached, 25 476
	Name and rank of commanding officer,
	Name and position of observer,
	The Company
	Vanitable.

REMARKS.

REMARKS.

Reverse Phainest

Roser springe Sentist chills

Altres. 3 Storfish. Level Rayor

July Shells. Few drills cross

Instrument used, D) Ster Handy
Current number of observation,
Date, Sept 18" 88
Locality, Farry famselt Bay
Bearings, Committee at the worth m
with ST. Allen Rock brucon SXS
Time of day. 1. 30 Perc; of tide. His het rate.
State of sky, be
Temperature of air, 69
" surface of water, 67/
" at depth of fatl one.
of bottom, 6,7
Depth, in fathoms,
Nature of bottom,
Direction of surface current
Force of surface current,
Direction of bottom current.
Force of bottom current,
Name of vessel, Hot lite Just Against
To what service attached, 26 876
Name and rank of commanding officer,
make by in
Name and position of observer,
and the state of t
male up 2-

Specimens ablained Luckoge 4- 4 some dead shells

4.

Ann of the means

Instrument used, Opeter Develor	. ;
Current number of observation, /3	
Date, Sifet 13" 88	
Locality, In amount Trades	,
Bearings Commission for Ho mr mr	
 wich St ( 2 7/4 M. Allem Rock bracon & 3/4	2
Time of day. 1. 54 : of tide. 1 = 2 = 866	
State of sky,	
Temperature of air, 72	
surface of water, 6/6, 5	
" at depth of / fathoms.	
·· of bottom, 66	
Depth, in fathoms,	
Nature of bottom, ,	
Direction of White Comments W Nr W	
Force of surface current,	
Direction of bottom current,	
Force of bottom current.	
Name of vessel, 26 & Str. Fish Hawk	
To what service attached, 26156	
Name and rank of commanding officer,	1-
That The gra-	
Name and position of observer,	
- Andenie Co	

SYLVE

1301 REMARKS. Specimens Obtained Vike Jish, King Crabs, Hat fish Hills Crabe, Hermie arabe Winder ekern, I k Murel Conches Scallof shells

	Instrument used, Beaut Frank	1)
	Current number of observation, 1301	
	Date, Lefix 18" 88"	
	Locality, & surray simulate Take	
	Bearings Committed to No New Yuw	
,	wish It Smawl w. Allem Rock beacon 8 x 1/4	4
	Time of day, 21/2 person of tide. 1 2 - Elle-	
	State of sky,	
	Temperature of air, 7 =	
	" surface of water, 66	
	" at depth of fathoms,	
	of bottom, 66	
	Depth, in fathoms,	
	Nature of bottom,	4
	Direction of success surrent.	
	Force of residual content.	
	Direction of bottom current,	
	Force of bottom current,	
	Name of vessel, 75 & Art And Armed	
	To what service attached, 26 17 5	
	Name and rank of commanding officer	C
	" ute Wa	_
	Name and position of observer,	
	- Internegation	
	67 - Jan J.	

1302 REMARKS. Flat fish Windles Dead Ogster & Scallof shells. Hermit Onal & lodey Crobs

Instrument used, Bern Frank
Current number of observation, 1302
Date. 2/1-13 87
Lorality, Service Control of the Con
Bearings. Comment of No. A. V. N. V. V. V.
wish is WxS' /4 S. Allens Rock brace NEX &
Time of day, 2.24 the; of tide, 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
State of sky,  Temperature of air,
" surface of water, 67
" at depth of fathoms,
of bottom,
Depth, in fathoms, J. J
Nature of bottom,
Direction of surface current,
Force of surface current,
Direction of Latter current  Force of bottom current
Name of vessel.
To what service attached,
Name and rank of commanding officer famile de le le
mate of me
Name and position of observer,
2 The
CATHLE GALL

11,949,100

Pricing Oblained
Oblained
Oblained
Oblained
Oblained

Instrument used, Like The Town	3
Current number of observation, 1303	
Date, Sept 13" 88	
Bearings Commission of November	
nearings, Commiscus de November	44
Fronda LEW 48/2 & Alleno Rock bracon NEX	22
Time of day, 2, 3 4/2 of tide, 1 3 200-	
State of sky,	
Temperature of air, 7 2	
" surface of water, 67	
at depth of fathoms,	
of bottom, 6	
Depth, in fathoms,	
Nature of bottom,	•
Direction of surface courses. In Any	
Force of surface current,	
Direction of bottom current,	
Force of bottom current,	
Name of result, U. S. Str. Fink Hards	
To what service attached, St. 176	
Name and rank of commenting officer. Harmen a delicer.	with
Ta cate up	- Zoon
Name and position of observer,	
Interiople	

INCH Y DON

1304 REMARKS. una ablaine It is Hermit crabe Shelle & stones Stor fish 1

THE PERSONS

	Ben Travel	5
	Instrument used,	-
	Current number of observation, / 3 0 4	
	Date, / 3" 88	
	Locality, Marriagamente Party	
	Benning Eminican de 140 1-4m/4 W	
2	Bearings, Search and and Takey  Bearings, Service Control 1/4 7V  Additor of Allen Rock bear 46/2.	1
	Time of day, 2. 16 Plu; of tide, 122 Ello	
	State of sky,	
	State of Say,	
	Temperature of air,	
	" surface of water,	
	" at depth of fathoms,	
	of bottom,	
	Depth, in fathoms,	
	Nature of bottom,	,
	Direction of particle current;	
	Force of and accountant,	
	Direction of bottom current,	
	Force of bottom current,	
	Name of vessel,	
	Name of vessel,  To what service attached,	j
	Nome and rank of commanding officer.	-
	. Tame and raine of community of the com	
	Name and position of observer,	
	Milmighton	
	See State	

REMARKS.

She cine a Skider Crabe, andre Hails, Ripe gich read agets. +

Sandas shello

A 2 1
Instrument used, Beauty Table
Current number of observation, 130 J
Date. Sept \$3' 88
Locality, Search
Locality,
Bearings. Concenience Lot 14 1/2 1/4 2
with it is it. Allens lock brucomit & xt/
Time of day, 2,000 per ; of tide, 1 2 200
State of sky,
Temperature of air, 73.5
" surface of water, 67
at depth of fathoms,
of bottom,
Depth, in fathems,
4
Nature of bottom,
Direction of surface current,
Force of surface current,
Direction of bottom current,
Force of bottom current,
Name of vessel,
To what service attached,
Name and rank of communities offices
- Citatory -
Name and position of observer,
y in lessylve -
The ato day

1306 REMARKS. Secencers Oblaines Thello

Tre-sampled stocks

Instrument used Oppler Alask	
Current number of observation, , & 5	3.8
Date, Select 4 19	
Locality, Providence Rine	
Bearings, Commencel Co & X &	
Mockes & SEXS 348 Nague PE & N	-
Time of day. / D D of ide.	
State of sky,	
Temperature of air, 50	
" surface of water, 69	
" at depth of fathoms,	
of bottom, 64	
Depth, in fathoms,	
Nature of bottom,	
Direction of surface curvent.	
Force of surface current,	
Direction of bottom current,	
Force of bottom current,	
Name of vessel, 26 A Ath. This American	
To what service attached, 26 A 76	
Name and rank of commanding officer.	Ċ
Mountalific	>
Name and position of observer,	
Interior 12-	
matchen	

REMARKS.

Statistical Heat fish Hailo males shell messel shells limited and a lichard country shell lipides Crabs, Keny erabs. Sind Sinds

Alterese and the property

Instrument used, Beauty Zouth
Current number of observation.
Date, 217 88
Locality, Parridence Rever
Bearings Enders Cult St 18x 8/4 8
ello des de SXE 3/48 Nayat Pt Ent
Time of day, 11. 59 and; of tide, 1 3 4
State of sky, be
Temperature of air. 66
" surface of water, . 624
" at depth of fathoms,
of bottom, 64
Depth, in fathoms, 9 7/2_
Nature of bottom,
Direction of surface current,
Force of Surface current,
Direction of bottom current,
Force of bottom current,
Name of vessel, 26 & At Fire Faul
To what service attached, 26 8 7-6
Name and rank of commanding officer.
Greaterston
Name and position of observer,
Mulenishins
mate Wife.

1308 REMARKS. Jecomens allaine with Grow such Haite Shale Obider angle him onete Hermil Grabs conche . Oyste & Clau au scalling chello

	Instrument used, Bearing Land
	Current number of observation, 1308
	Date, 245/7 88
	Locality, Charles Kerry
	Bearings, Erimicul de 58% &
3	Masked AXW Areat Pe CX&
	Time of day, / 2,06; of tide, 1224
	State of sky, Change
	Temperature of air, 52
	" surface of water, &
	" at depth of fathoms,
	of bottom,
	Depth, in fathoms,
	Nature of bottom, The // in
	Direction of surface current,
	Force of surface current,
	Direction of bottom current.
	Force of bottom current,
	Name of vessel, Would with the time of
	To what service attached, No 156
	Name and rank of commanding officer,
	Name and rank of commanding officer,
	V
	Name and position of observer.
	"meti ufa-
	The engine

1309
REMARKS.
Ceine Altrende
an 1308 except one starfiele

Designation of the last of the

Instrument used, Beau Frank
Instrument used, v
Current number of observation, 131
Date,
Locality, Providence Kinn
Bearings, rume clest di- 6 83/4 6
Mockeder/ W Magat PESV 6/28
Time of day, 7.49 : of side, 1223 Elb-
State of sky,
Temperature of air, 68
" surface of water, 66.
" at depth of fathoms,
of bottom,
Depth, in fathoms,
Nature of bottom, .
Direction of surface current,
Force of surface current.
Direction of thousan current,
Force of bottom current,
Name of vessel, Mel
To what service attached, 26 \$ 76
Name and rank of commanding officer.
male home
Name and position of observer,
Alle to a state

Shello, Crales, Winkles, flatfish.

Instrument used, Ream Innel
Current number of observation, /3/0
Date, 24 17 88"
Locality, Providence River
Bearings, Comment of SEX
Modes Do Smit. Nanat PE 386
Time of day, 754; of tide. 1 2 alt
State of sky, Glady
Temperature of air, 48
" surface of water,
at depth of fathoms,
" of bottom, 66
Depth, in fathoms, 4/2
Nature of bottom,
Direction of aurino current,
: Wind
Force of surface current,
Direction of bottom current,
Force of bottom current,
Name of vessel, 26 A At. F. L. J. L.
To what service attached, Ile A 76
Name and rank of commanding officer, Janua & South
meteryn_
Name and position of observer,
menigheou
Guste refer

REMARKS. der Orabe Hat fish

Instrument used, Beau Hour
Current number of observation, /3//
Date, Sept 17
Locality, Providency Percey
Bearings Committeet DE 18 8
Mochalitax 8/4 & Salvin de N/2 W
Time of day, 757; of tide, 142 Elle
State of sky, Clandy
Temperature of air,
" surface of water, 65
·· at depth of fathoms,
" of bottom, 6.6
Depth, in fathoms, 4 1/4
Nature of bottom, That
Direction of rurface ourrent, S
Force of surface current, 2
Direction of hottom, current,
Force of bottom current,
Name of vessel, 26 Mr. File Karely
To what service anached, 26 & 7 6
Name and rank of commending officer, James & Breesto
male Africa.
Name and position of observer, d , d
Juline from

REMARKS. Sprace. Grabe Fine Fisher Opter + Ecallop Shells

A SECTION OF THE PROPERTY OF THE PARTY OF TH

	Instrument used. Been Fant
	Current number of observation,
	Date, 2010 17 8 8
	Locality. Providence Riss
	Bearings. Commissed de & & X &
100	Marches der & X 8/4 & Estimole Antho
	Time of day. 8 0 5 : of tide. 19 866
	State of sky, Olesaki
	Temperature of air, 68
	" surface of water, 66
	" at depth of fathoms,
	of bottom, 66
	Depth, in fathoms,
	Nature of bottom, )
	Direction of surface current,
	Force of surface current,
	Direction of College of the College
	Force of bottom current,
	Name of vessel, Wo & The Frank Hours
	To what service attached, Lo D 7-6
	Name and rank of commanding officer must a dome to
	mate up
	Name and position of observer,
	Mulenighton
	4 harris

13/3 REMARKS. Minkels Hut Fire Spider Crabo ayela + Sealisp shells

	Instrument used, Palane Frank
	Current number of observation. 18 13
	Date, 19 89
	Locality. Providence River
-	Bearings, Commicul dt & & X 8/2 8
lu	Mockes Le SEXE/48 Sating Co Arrite
	Time of day, 8 _ 5 9 : of tide. 7 425 Elle
	State of sky, Clearly
	Temperature of air,
	" surface of water, 4 60 F
	at depth of fathoms,
	of bottom,
	Depth, in fathoms,
	Nature of bottom, , ?
	Direction of surface current,
	Force of surface current.
	Direction of bottom current,
	Force of bottom current,
	Name of vessel. 26 of Also Find Manual
	To what service attached, 4476
	Name and rank of commanding officer, days a day
	Gueto afor
	Name and position of observer,
	Malinethia

REMARKS.

Ling State Hat fire Lade crob

Nemet 4th flor Crabe, Fruit where

M. Winher oyster Luckof & Scheller.

Shells.

Instrument used, 63 cm. 7
Current number of observation, /3/4
Date, 24-19 08
Locality. Narraganat Beer
Bearings Committee do to so xxx 200 m
wish to bright Allen Rosp bracon was sir/y-
Time of day, To 6 ide, /2 Elb-
State of sky,
Temperature of air, 5-9
" surface of water,
" at depth of fathoms,
of bottom,
Depth, in fathoms,
Nature of bottom,
Direction of serious current. A A W
Force of surface current,
Direction of business company,
Force of bottom current,
Name of vessel. Low live thete Herrick
To what service attached, 265 7
Name and rank of commanding officer.
metala
Name and position of observer,
Hallow here

1315 REMARKS. Lecemens Gli Elevel the offermit orabs thead shell clamo Hat fish weall

ARROWS ATTER VEGORE

Instrument used, Beam But	
Current number of observation. 13/5	1
Date, School 19 86	
Locality, Armagarant Bary	
Bearings Low icel It At North & he A	
wish to m/2 S. Allem Rock beacon N 6 3/4 N	
Time of day, 10.22; of tide. Elle	
State of sky,	
Temperature of air,	
surface of water, 64,5	
" at depth of fathems,	
" of bottom, 63	
Depth, in fathoms,	
Nature of bottom, June 1	
Direction of the correction of	
Force of surface current	
Direction of holland the barriery	
Force of bottom current,	
Name of vessel, 26 & etr Fish Hawle	
To what service attached, 26 0 76	4
Name and rank of commanding officer.	-
Name and position of observer,	
Windows lera	
Viruste of se	

1316 REMARKS.

Specimens Ablained Skale Harpish Hair Squiller Jong scup, Equid Ring ande, Butter fish, Deace shells, Kennit-trab, Winkel places.

Instrument used,
Current number of observation. 18/6
Date, Left 19"
Locality, Name of the
Bearings, Somewhat to to me still at
rine of x8 /4 Sallem Rock bracon 1-21/4 2
Time of day, 10 50; of tide, Elb /2
State of sky,
Temperature of air,
" surface of water,
" at depth of fathoms,
" of bottom, 63
Depth, in fathoms,
Nature of bottom,
Direction of surface current.
Force of surrous ourrent,
Direction of bottom comment,
Force of bottom current,
Name of vessel, 26 & Atr Fish Anule
To what service attached, 26476
Name and rank of commanding officer.
Greateryn
Name and position of observer,
Andenestiti-
mustarefre
V

1317 REMARKS. Lecineus Obtained Kin Crabe Spider / Bermit craba Hatfish. Kelp, Head centrop & ogeter shells.

- YERMON AND A STREET, STREET,

Instrument used. Beau Frank
Current number of observation. 1317
Date, Sept 19" 88
Locality, Amragament Buy
Bearings, Service at the Anx
mich De Wor. Allen Rock brace or 6 x 6/2 6
Time of day, 11, 20 time; of tide, Colle
State of sky, Claudy
Temperature of air,
" surface of water, 6445
at depth of fathoms,
of bottom,
Depth, in fathoms, 61/2
Nature of bottom,
Direction of surface current
Force of successions
Direction of Local current,
Force of bottom current,
Name of vessel, No A Fish & Such
To what service attached, Vol 7-6
Name and rank of commanding officer, where I have
matingra
Name and position of observer,
Whiteney helm
Molenishten

Specimens ablained To fich flat fish, King crabe Winkel Hermit Crabo spider rabe, Hoy shoke

Instrument used,
Current number of observation. 1318 76
Date, Sept 19" 88
Locality, barafacesite Blue
Bearings, Committed St No Arrist
mich St 8 m km / www Allen Rock hacen Ex A
Time of day, 11.35 Lew ; of tide, Elle 3 2
State of sky, Cloudy
Temperature of air, 60
" surface of water, Le J
" at depth of fathoms,
" of bottom, 63.
Depth, in fathoms,
Nature of bottom,
Direction of surface current, Ath
Force of surface current,
Direction of hottom on the
Force of bottom current,
Name of vessel, 260 A. Hill
To what service attached, 262 4 6
Name and rank of commanding officer,
mate Wine
Name and position of observer,
- John Longhilan
Omatonin
11.030000

Specimens ablained injerste Hatfiel Duly Jish mic + Jish Crose Klead onetan & a cultop whele

Instrument used, Bean French,
Current number of observation. 1319
Date, Super 19" 8"
Locality, Nama formette Belly
Bearings. Seminicus ft Ho Ar 3400
mich de Swhire Allen Rock brucon 6/2 S
Time of day, // a div : of tide. Elle 3227
State of sky, Olon thy
Temperature of air, 65
" surface of water, 65
" at depth of fathoms,
of bottom, 68
Depth, in fathoms,
Nature of bottom, 1 hund & shell
Direction of surface oursent,
Force of surface current,
Direction of Lottom current,
Force of bottom current,
Name of vessel, 26 & Star Fish Name
To what service attached, 6 7 6
Name and rank of commanding officer.
anatorefor
Name and position of observer,

1320 They scup Heat fish Rhate. Heave oyster & scalley shello.

Instrument used,
Current number of observation, 1320
Date, 245 19" 68
Locality, Providence River
Bearings, Commiscut de m x 314 5
elvelo Letrathy & Mat Pt No 2
Time of day, 100 5 Per : of tide. Flore 1 22
State of sky, Clandy
Temperature of air,
" surface of water, 67,5
" at depth of fathoms,
of bottom,
Depth, in fathoms,
Nature of bottom, Anna Vehello
Direction of surface current.
Force of annual convent,
Direction of Letters care at. English
Force of bottom current, January
Name of vessel, 26 ft - the desire
To what service attached, 46 A H 6
Name and rank of commanding officer,
Inside if he
Name and position of observer,
All lane of lane

mate up in

REMARKS.

Specimens Oblained

Het Jich spide crabe

King Grabe shale, Ripe fish
Seulpin, Mend ageler relating
shell.

Instrument used, Beden Travel	
Current number of observation, 1321	7:
Date. 24 98"	
Locality, Providence Hora	
Bearings. Commission St. 85/2 &	
elisto Lerran rayet Pt Ex S	
Three of day, 1, 58 Ples: of tide. Hert 12	
State of sky,	~
Temperature of air, 67	
" surface of water, 60,5	
" at depth of fathoms,	
of bottom,	
Depth, in fathoms,	
Nature of bottom.   Sand V shell	
Direction of The current, AAW	
Force of white course, 2	
Direction of	
Force of bottom current.	
Name of vessel 26 A Stor Fish Here	de
To what service attached. 26 A 7 6	
Name and rank of commanding officer,	10
The sales	-
Name and position of observer,	
In gut whi	
· martiple belief that	

1322 REMARKS. Skate Lat Fish. He mil Bosh. Nest ogston Ecostop & Much Shell

Instrument used. There or and
Current number of observation, /322
Date, 24 - 19 88
Locality, Orosadine a Reves
Bearings Commission & 8146
Moderate SE'MS Negat PEELS/28
Time of day 2, 32 perces of tide / 2 fland
State of sky,
Temperature of air, 66
surface of water, 65.1
" at depth of fathoms,
of bottom, 64
Depth, in fathoms,
Nature of bostom, Sand Gravel
Direction of suchas corrects.
Force of current,
Direction of bottom current.
Force of bottom current,
Name of vessel. Fish sawle
To what service attached, 26 & 26
Name and rank of commanding officer fame.
Great Hefen
Name and position of observer,
Demennancin

/3 2 -3 REMARKS.

Specimens attained Here oyete & eccelop shells

Instrument used, Course and or
Current number of observation. 1323
Date, Sept 24
Locality. Programme
Dearings Eminical St Skr/8 W
ellocks do NW. Nayat pt 32/2 &
Time of day, 1115 me; of tide, they have
State of sky,
Temperature of air,
" surface of water, 64
at depth of fathoms,
of bottom, 62.5
Depth, in fathoms, 23/4
Nature of bottom, Hard Sault
Direction of Art 6
Force of surface current.
Direction of bottom current.
Force of bottom current.
Name of very, List Harabe
To what service attached. 2687 6
Name and rank of commanding office.
, quelle
Same and position of old street,
Westerfrom

DEMYDER

1324 REMARKS. Aux orgates + electrof whells are 4 apringer.

TORRESTON THE PERSON

	Instrument used, Orsta Donas
	Current number of observation, /3,2 4
	Date. Super 24
	Locality, Many Many
	Bearings Committee Sh &
2	elocho Browler Nayat PESE 3/4 2
	Time of day, 1, 15 Ru; of tide. / Dr Eller
	State of sky, Bookly Cloudy
	Temperature of air,
	" surface of water, 6415
	" at depth of fathoms,
	of bottom,
	Depth, in fathoms,
	Nature of bottom, Men
	Direction of Surface correct 1/6
	Force of surface current.
	Direction of bottom current,
	Force of bottom current.
	Name of vessel, Fish Haush
	To what service attached, 26 876
	Name and reak of commanding officer.
	"matery -
	Name and position of observer,
	Guett Wee

1825 REMARKS.

Specimen Medicules
Auch Oyster & deallow Shills
Unmit Or the someth shills

Instrument used, Oyste Judge	
Current number of observation. / 3 3 5	7
Date, Lake 2 4	
Locality. Par Res	
Bearings. Commiscut St & 78 &	
Moches De rryon Nayat P. S & /4	6
Time of day. 135 = of tide. 1 28	
State of sky,	
Temperature of air.	
surface of water, 64,5	
·· at depth of fathoms,	
of bottom,	
Depth, in fathoms, 3/2	
Nature of bottom,	
Direction of surface current. A 1- &	
Force of surface current,	
Direction of bottom current,	
Force of bottom current,	
Name of vessel, Link Hambe	
To what service attached, & \$ 7 6	
Name and rank of commanding officer,	
Trate Uf-	
Name and position of observer, holy was the	
The popular the war	

1326 REMARKS.

Strectioner Mained Branch weather

Instrument used Onster do to
Current number of observation, 1826
Date, 24 88
Locality,
Bearings, Commiscul St 578 &
levels armin Wayat Pl & E
Time of day, 154 Rue of tide. 1 25 Elles
State of sky,
Temperature of air,
" surface of water, 64
" at depth of fathoms,
of bottom, 63
Depth, in fathoms, 2
Nature of bottom,
Direction of surface current. ALS
Force of surface oursett
Direction of bottom current,
Force of bottom current,
Name of vessel,
To what service attached, 26 8 7 6
Name and rank of commanding officer.
mille you
Name and position of observer.
mate lefter-

1327 REMARKS.

Black Muneus me dead Shells + 2 starfish,

Instrument used, Option Kindle	
Current number of observation. /3 2 7	1
Date, Sept 24	
Locality, Port Pro-	
Bearings, Smirmecul de S/4 3	
Moch lesmy w Namet PESE/48	
Time of day, 2,10 fser; of tide, 1 dr	
State of sky, &-	
Temperature of air,	
" surface of water, 64 W	
" at depth of fathoms,	
" of bottom,	
Depth, in fathoms, 10 12 feet	
Nature of bottom,	
Direction of serface current. AAE	
Force of surface current	
Direction of bottom current,	
Force of bottom current,	
Name of vessel,	
To what service attached, 26 & 76	
Name and rank of commanding officer.	
Agine and Pana or communicating outcor,	
Ad I	
Name and position of observer	
Sections	

1328 REMARKS.

Specimens attained dien clam and ret abello. 3 starfield 3 winkels,

Instrument used, Oyster Level je	
Current number of observation, / 3 2 8	= 82
Date, Sept 24 88	
Locality, Priv Rever	
Bearings, Eminicut &- 8/8 &	
ellocks Browny whayat t	8218
Time of day, 2. 2 0 1 ; of tide, 200 &	blu-
State of sky,	,
Temperature of air,	/
" surface of water, Geres	/
" at depth of fathoms,	
" of bottom, 64	
Depth, in fathoms, // best	
Nature of bottom, 1 . Auch	
Direction of marting amount,	
Force of	
Direction of bottom current,	
Force of bottom current,	,
Name of vessel, 2017 The Hard	A
To what service attached, 16 & 76	111
Name and rank of commanding officer	Lonete
- Green	to dy'si-
Name and position of observer,	L.
Meny	Elm
1/ / -	

/å2 9 REMARKS.

Specimens Offrind Lead Claure: Oyt, and ecally shelle. 2 Starfish

	Instrument used, Oycher density
	Current number of observation. 1329 * 81
	Date, Left 24
	Locality, Print Corr
	Bearings, Committed L. South
3	Modes SENT Stay at A 88 /4 &
	Time of day, 2,346; of tide, 2 2
	State of sky,
	Temperature of air,
	surface of water, 6445
	" at depth of fathoms,
	" of bottom,
	Depth, in fathoms,
	Nature of bottom,
	Direction of angles current. ANG
	Force of surface current,
	Direction of bottom current,
	Force of bottom current,
	Name of vessel, Fish Naut
	To what service attached, 26 876
	Name and rank of commanding officer.
	melinge
	Name and position of observer,
	Malenghor
	V Variete Ulian

1330 REMARKS. Skeamen Ottained Dean Clarine Head agot. Sello Renoven thouse

THE VALUE DESCRIPTION

Instrument used, April Local por	
Current number of observation. 1336	-85
Date, Stept & 1	
Locality. Provider	
Bearings. Espicalet LE 8 /4 21	
ellocks term improhayat 1-56 X	8/48
Time of day, 3,12 12 ; cd tide, /2 Elle	-
State of sky,	
Temperature of air, 6	
" surface of water, 64	
" at depth of fathoms,	
" of bottom,	
Depth, in fathoms,	
Nature of bottom,	
Direction of Surface surrous. If If E	
Force of market	
Direction of bottom current,	
Force of bottom current,	
Name of vessel, Fish Hunch	
To what service attached, Hof 76	112
Name and rank of commanding officer.	due 160
maltafra	-
Name and position of observer,	
Milineghon	
mulety	_

And day + 2

Instrument used.	Oyela	1 An	ay V		
Carrent number of	f observation.	13.36		2	86
Date,	W 2 4	-			
Locality,	272 1	Kinn			
Bearings.	imicu	5-a-8	hm		
ulvelo ato	-m1m3/4	Wyranyat	MESEX	83/	48
Time of day, 3	24 :	of tide. /2	Elle		
State of sky,	cle	Aline .			
Temperature of ai	r, 6	0			
" surfa	ce of water,	65			
" at de	epth of	fathoms,			
" of b	ottom,	60			
Depth, in fathoms	6	Zest	•		
Nature of bottom,	· Ohe	well			
Direction of surface	inalia indiana	tot!	1		
Force of surface c	urrent,	3			
Direction of botto	m current.				
Force of bottom c	urrent,	1 1	1		
Name of vessel,	Fred	Nous	w/L	Marche ye	
To what service a	tiached.	617	6	£ ,	1 3
Name and rank of	f communding	officer /	us a l	tota	the
		mules	firm		
Name and position	n of observer,	1	11/2	sc.,	
	y/h	Meser	ables	-	
	0	12. All	100		

/333 REMARKS.

Seamen Ottimal Senmed ofraced

Instrument used,
Current number of observation, 1332 # 97
Date Sept 24 Fil
Locality, Por Ren
Bearings Committee Co 8 x W
Works Cetrixing milayet 1 62 x8/28
Time of day, 3.30 : or tide. 3 27 Eller
State of sky,
Temperature of air, 60
·· surface of water, 65
" at depth of fathoms,
of bottom,
Depth, in fathoms, 4
Nature of bottom,
Direction of mades convent. AAB
Force of such a survey.
Direction of bottom current,
Force of bottom current,
Name of yessel,
To what service attached,
Name and rank of commanding officer
mati se frame
Name and position of observer
mate reland
· · · · · · · · · · · · · · · · · · ·

1834 REMARKS.

were Afrace.

LEWIS WHITE DESIGNATION

Instrument used. Oyster Hury V 488
Current number of observation, 1333
Date Dept 24
Locality. For Roser
Bearings, Commicul Ot SXW1/4 W
ellodes Germjon rayat Pt 18x8
Time of day. 3. 35 : of tide. 32 - Elle
State of sky, Class
Temperature of air,
" surface of water, 64.5
" at depth of fathoms,
of bottom,
Depth. in fathous. 5 fell
Nature of bottom,
Direction of surface comme. AAB
Force of market entreme
Direction of buttons are as
Force of bottom current,
Name of years).
To what service attached,
Name and rank of commanding officer, were it to be to
mute Ufr
Name and position of observer,
Whilene show
matcher

7335 REMARKS.

Here gythe chells

Instrument used. Optimized 199
Current number of observation, / 3 3 4
Date. Sept 25 88
Locally, Port Rever
Bearings, Commission Re- 8786
Modes Con War Starfat Pt 12/4 60
Time of day, 11, 30 au : of tide. 4" Er flood
State of sky, Chudy
Temperature of air,
" surface of water, 6 4
" at depth of fathoms,
·· of bottom,
Depth, in fathons,
Nature of bottom,
Direction of minima current, V
Force of surface entroni, 2
Direction of lattice and the contract of the c
Force of bottom current,
Name of vessel,
To what service attached. 26 176
Name and rank of commanding officer and the Kantha
marry
Name and position of observer.
I'mlenighter,
matern

1336 REMARKS. eten Jish & dear Oysten shells Terrotion of hatfoundations Form in authorizing Distriction of the state of the

	Instrument used, Objeter Abrille
	Current number of observation, 1836 '95
	Date, Sept 25 88
	Locality, Prov River
	Bearings, Committeel - Re & X &
4	Mudes Remarken Nagat Pt SE/48
	Time of day, 11,45 ; of tide, 4 2 7
	State of sky, Cloudy
	Temperature of air,
	" surface of water, LL
	" at depth of fathoms,
	" of bottom,
	Depth, in fathoms, 2 3/4
	Nature of bottom, . Cault
	Direction of surface outrons NE
	Force of surface current, 2
	Direction of bottom outlent.
	Force of bottom current,
	Name of vessel, Fish Hawk
	To what service attached, 26 \$ 76
	Name and rank of commanding officer James & Amit
	· materia.
	Name and position of observer,
	· Streeneghton
	malinger



14- 2, 190 6,1/2 15-14 " 51/2 26,6 4415-53, 58 2 Storpite dead Oyster shells 93 Llan yster Shalls 101 103 104 118 119 86 57 1202 11 HH HHIM Startinue Aux Le marione Beef